

—

USTAR GOVERNING AUTHORITY MEETING

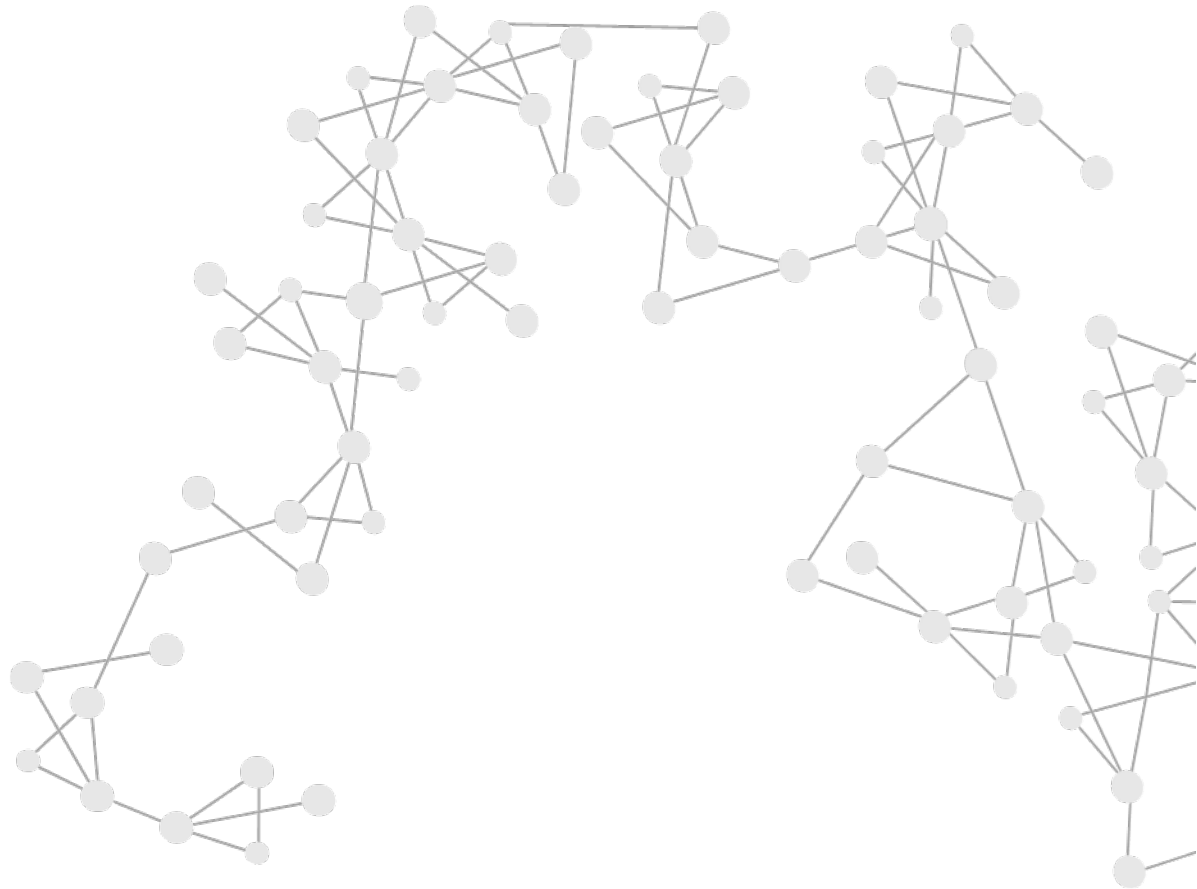
August 4th, 2016

—



APPROVAL OF THE MEETING MINUTES

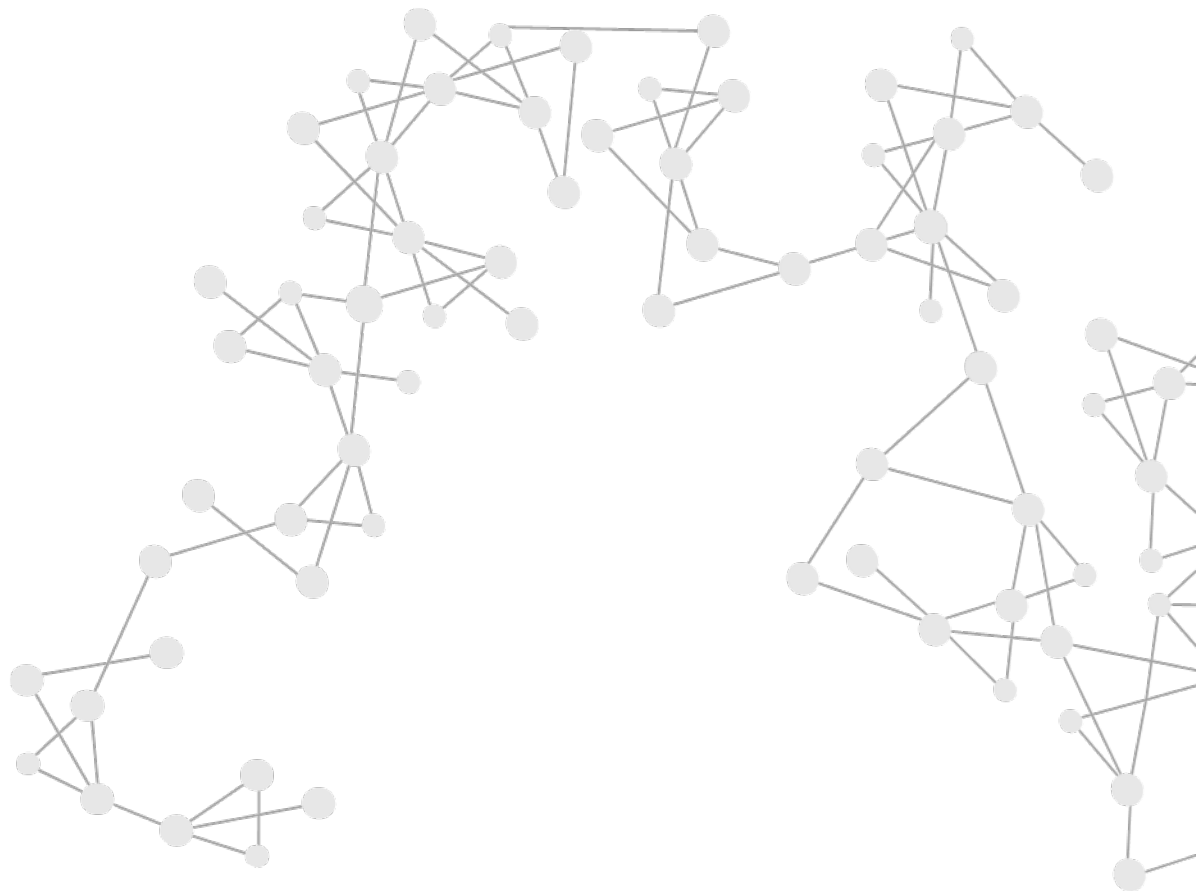
July 7th meeting minutes



USTAR

ADMINISTRATIVE RULES

Energy Research Triangle – Principal Researcher Program



U S T A R

ZIKA VIRUS MINI-GRANT UPDATE



USTAR

SNAPSHOT PROTOTYPES

Ivy Estabrooke



U S T A R

SNAPSHOT OVERVIEW

- GOAL: Provide the GA with quarterly update on performance for each component of the USTAR program.
- ASSUMPTIONS:
 - Snapshots reflect the meaningful data that can be collected on a quarterly basis including performance and financial data.
 - Elements of relevant outcome data (e.g. employees, funding raised, etc.) are collected on an annual basis and will be reflected in the annual report.
 - More data will be available for “deep dives” as needed.



SBIR/STTR ASSISTANCE CENTER (SSAC)

Description: Provide training and consulting for Utah small technology businesses to increase their ability to access non-dilutive funding through the Federal SBIR/STTR program. (Over \$2.5B available annually)

Goals:

- Increase client numbers
- Assure statewide engagement
- Increase application numbers and wins

Category		Cumulative	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
#of Client Companies		126	126				
# of New Clients			30	6	6	6	6
# of Trainings			40	8	6	10	10
# Proposals Submitted	Phase I	135	29	8	8	8	8
	Phase II	36	7	2	1	2	1
# Wins/Win Rate	Phase I	36/ 27%	7/ 24%				
	Phase II	16/ 47%	2/ 27%				
\$ Won	Phase I	\$ 7,249,834	\$1,224,623				
	Phase II	\$11,138,389	\$1,999,129				

Financials: Forecast vs. Actuals



USTAR INCUBATION PROGRAM

Description: USTAR provides space, specialized equipment, training and mentoring for start-up companies. This includes BioInnovations Gateway, USTAR Innovation Center, UofU Nanofabrication facility and the USU Synthetic BioManufacturing facility.

Goals: -

- Increase the success of start-up companies housed in the incubators.
- Increase new private sector clients in the Nanofabrication facility and the Synthetic BioManufacturing facility.
- Provide services and training through the incubators that will increase the success of tenant clients or future tenant clients.

		Cumulative Historical	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
Trainings	All						
#of new/existing companies in residence	BiG						
	UIC						
# of new/existing companies using facilities	BiG						
	UIC						
# of new/existing private clients	Nanofab						
	Synthetic Bio- Manufacturing						
# of new/ private clients	Nanofab						
	Synthetic Bio- Manufacturing						



USTAR

TECHNOLOGY ACCELERATION PROGRAM (TAP)

Description: Competitive grant program to companies to mature and de-risk technologies for commercialization. The focus of the program is on research and development, prototyping and proof of concept.

Goals: -

- Accelerate the development of technology companies in key economic sectors.
- Increase the feasibility and decrease time to market of new products.

	Cumulative Historical	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
# Proposals						
#/% Proposals scored as "fundable"						
Milestones met/total milestones						
Projects terminated for lack of performance						
Projects completed successfully.						

Financials: Forecast vs. Actuals



INDUSTRY PARTNERSHIP PROGRAM (IPP)

Description: Competitive grant program to stimulate collaboration between existing technology companies and university researchers. Companies identify technology gaps and USTAR identifies appropriate researchers to conduct the research/technology development. Projects are co-funded by USTAR and the company.

Goals: -

- Leverage the research capacity in the State to meet industry needs.
- Bring innovative ideas to existing problems that will provide industry with a new product or market advantage.

	Cumulative Historical	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
# New gaps identified						
# Proposals						
#/% Proposals scored as "fundable"						
Milestones met/total milestones						
Projects completed successfully						

Financials: Forecast vs. Actuals



University Technology Accelerator (UTAG)

Description: Competitive grant program to researchers at non-profit institutions of higher education to mature and de-risk technologies for commercialization. The focus of the program is on research and development, prototyping and proof of concept.

Goals: -

- Accelerate the development of technology in key economic sectors to increase potential for start-up company or licensing of technology.
- Increase the feasibility and decrease time to market of new products.

	Cumulative Historical	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
# Proposals						
#/% Proposals scored as "fundable"						
Milestones met/total milestones						
Projects terminated for lack of performance						
Projects completed successfully.						
# companies started						



Financials: Forecast vs. Actuals

SCIENCE & TECHNOLOGY INITIATION GRANTS (STIG)

Description: Competitive matching grant program for university researchers to conduct preliminary experiments or gather initial data to increase competitiveness for large federal or industry grants.

Goals: -

- Increase research funding in the State through large grants or center grants.
- Incentivize interdisciplinary or multidisciplinary research programs with commercial potential.

	Cumulative Historical	FY16	FY17Q1	FY17Q2	FY17Q3	FY17Q4
# proposals received						
#/% Proposals scored as "fundable"						
Milestones met/total milestones						
Proposals submitted with data produced from STIG grants						
#!/\$ funding received from proposals with data from STIG grants						



Financials: Forecast vs. Actuals

SNAPSHOTS



Aaron Quinlan (UofU)

Aaron Quinlan joined the USTAR Center for Genetic Discovery as associate director in 2015 and is currently associate professor of human genetics and biomedical informatics at the University of Utah. Quinlan has developed several popular software packages for large-scale genome analyses and human disease studies. By combining genetics and genomics techniques with computer science and machine learning, his research group is developing new ways to understand genome biology and the genetic basis of traits. The group strives to develop improved software to interpret human genomes and advance clinical treatment of human diseases.

FY17 Approved Budget: \$177,770

USTAR Faculty Since: 2015

Total USTAR funding to date: \$86,330

USTAR Funding in FY15: \$86,330

Federal Funding received in FY15: \$445,882

Disclosures in FY15: 0

Patents filed in FY15: 0

Licenses in FY15: 0

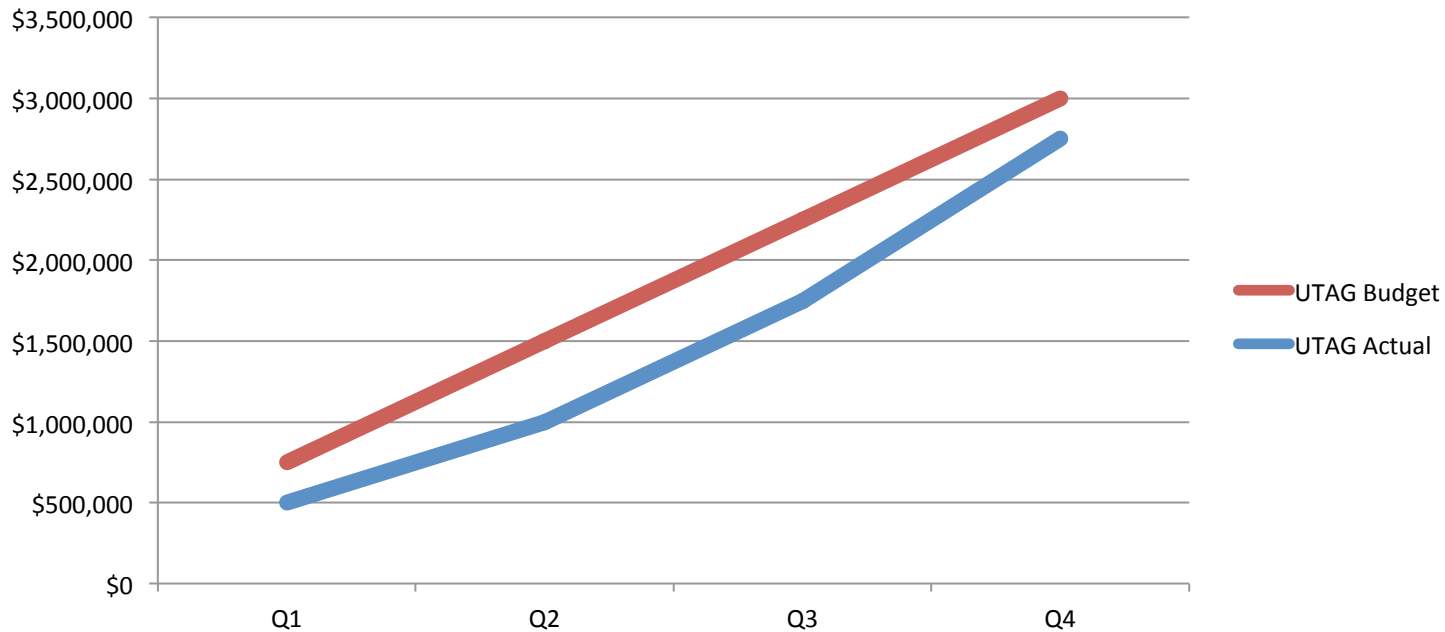
HQ Analysis: Dr. Quinlan joined a very productive team at the University of Utah as a junior faculty member in 2015. Due to the brief time since joining the U of U he has been very productive with the renewal of a major NIH grant, a foundation award and a high score on a likely to be funded NIH grant (expected to be announced in July). Published a software tool and established a company to commercialize.



U S T A R

DASHBOARD – FINANCIAL COMPONENT

University Technology Acceleration Grant (UTAG)



Commentary on Variances:



USTAR

THANK YOU FOR LISTENING.

Find Us Throughout the State.



USTAR